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Rural District Council of Wortley



INTERIM  
**ANNUAL REPORT**

Of the  
**Medical Officer of Health**

For the Year 1940

**J. MAIN RUSSELL**

M.B., Ch.B. (Edin.), B.Hy., D.P.H. (Dunelm)

**Medical Officer of Health**



WORTLEY RURAL DISTRICT COUNCIL.

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SANITARY COMMITTEE, 1940.

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|            |                                   |                                   |
|------------|-----------------------------------|-----------------------------------|
| Councillor | W. P. Green.                      | (Chairman).                       |
| "          | H. E. Boswell.                    | (Vice-Chairman).                  |
| "          | W. J. Leverington, J.P.           | (Chairman of the Council).        |
| "          | Mrs. E. Hayes.                    | (Chairman of Hospital Committee). |
| "          | Mrs. E. Stevenson.                |                                   |
| "          | Mrs. E. Wragg, J.P., M.B.E., C.C. |                                   |
| "          | H. C. Barracclough.               |                                   |
| "          | F. Chambers, J.P.                 |                                   |
| "          | J. F. Frost.                      |                                   |
| "          | T. W. Hulley, J.P.                |                                   |
| "          | H. Ibbotson.                      |                                   |
| "          | A. Lomas.                         |                                   |
| "          | D. Mount.                         |                                   |
| "          | W. H. Marlow, J.P.                |                                   |
| "          | G. E. Plant.                      |                                   |
| "          | Col. H. S. Walker.                |                                   |
| "          | W. Ward.                          |                                   |

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STAFF OF THE HEALTH DEPARTMENT.

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|                           |                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------|
| MEDICAL OFFICER OF HEALTH | - J. MAIN RUSSELL,<br>M.B., Ch.B., (Edin), B.Hy., D.P.H.                                                            |
| SANITARY INSPECTORS       | - J. W. HARRIS, M.S.I.A.<br>J. C. CHAMBERS, M.S.I.A.,<br>Cert. M. & F.I.<br>L. VICKERS, M.S.I.A.<br>Cert. M. & F.I. |
| CLERK                     | - MISS F. MARSHALL.                                                                                                 |

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To the Chairman and Members of the  
Wortley Rural District Council.

Ladies and Gentlemen,

I have the honour to submit an Interim Report upon the Health Services of the Wortley Rural District for the year ending 31st December, 1940.

You are no doubt aware that last year the Ministry of Health advised Public Health Departments of Local Authorities to exercise strict economy in the preparation of an Annual Report and suggested that the report should be in the nature of an Interim Report only and that a full comprehensive report should be published after the war, containing all relevant details for the war period up to the end of the full year after the termination of the war. In their circular No.2314 dated 26th March, the Ministry of Health gave instructions for similar arrangements to be made for the 1940 report.

The vital statistics for the year under review are not so encouraging as they were for 1939. The Death rate has risen and while it is lower than the current rate for England & Wales, it is higher than the average for this District for the last 5 years. It is the highest rate we have had since 1931. The Infantile Mortality rate too has risen. The figure for 1939 was the lowest on record for this District and while the current rate is higher than last year, it is still less than that for England & Wales and about the average for this District for the last 5 years. The Birth rate however, has increased considerably and is the highest rate since 1929. It is higher than that for England & Wales and the average for this District for the last 5 years.

In calculating all rates, I have done so on an estimated population as at mid-year of 30,760 less the Mental Patients in the South Yorkshire Mental Hospital.

I wish to take this opportunity of thanking the Chairman and Members of the Sanitary Committee, the Clerk and other Officials of this Council, and all the staff of the Health Department for their kindly help and co-operation during the past year.

I am,

Your obedient servant,

J. Main Russell.

Medical Officer of Health.





### STATISTICS.

The Wortley Rural District covers an area of 49,363 acreea. The district is divided into four parishes:- Ecclesfield, Bradfield, Tankersley and Wortley. The estimated population for each is as follows:-

| Parish.      | Acreage. | No. of Dwelling Houses. | Estimated Population. |
|--------------|----------|-------------------------|-----------------------|
| Ecclesfield. | 6,147    | 5107                    | 16,744                |
| Bradfield.   | 35,134   | 2876                    | 11,377                |
| Tankersley.  | 2,465    | 559                     | 2,012                 |
| Wortley.     | 5,617    | 187                     | 627                   |
| Total.       | 49,363   | 8729                    | 30,760                |

The rateable value of the district is £189,318 while the product of a penny rate is £753 as at December, 1940.

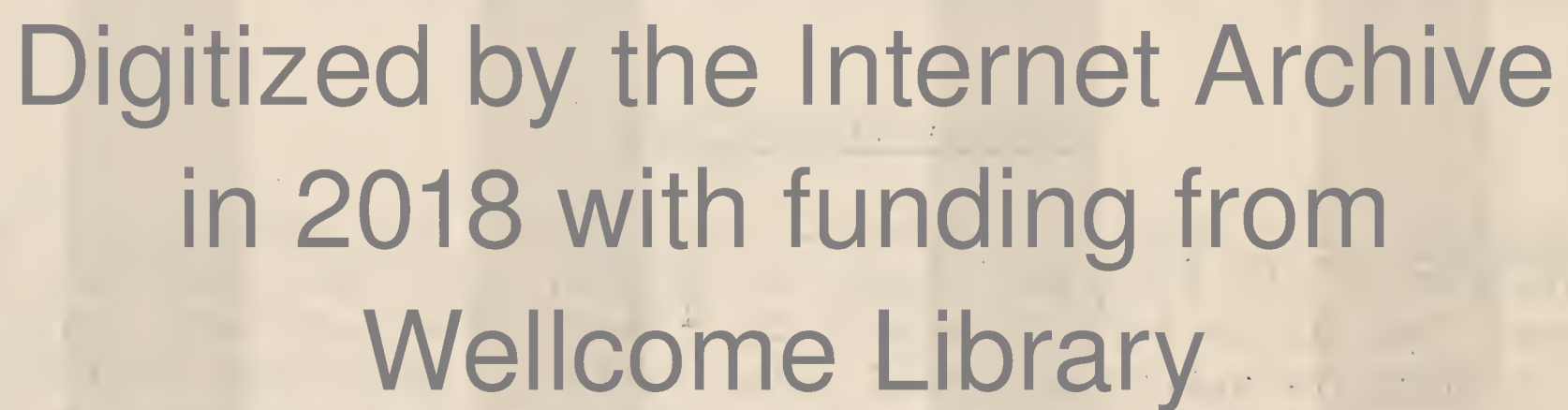
### VITAL STATISTICS.

POPULATION: The Registrar General has given as his estimate of the population at mid-1940 the figure of 30,760. If this estimate is correct then it is safe to assume that there have been more emigrants than immigrants during the year under review. There was an increase of 106 occupied dwelling houses and a decrease of population of 580 on the estimate for mid-1939.

The natural increase (i.e. excess of births over deaths) was 139.

BIRTHS: During the year there were 488 live births - 249 male and 239 female, equivalent to a Birth Rate of 16.6 per 1000 of the estimated population. This rate shews a marked increase from the rate of 14.1 in 1939. It is considerably higher than the average for the last 5 years which is 14.70. The Birth Rate for England & Wales for 1940 was 14.6. There were 14 illegitimate births, 6 male and 8 female, equivalent to a rate of 0.48 per 1000 of the estimated population, or 28 per 1000 births.

STILL BIRTHS: numbered 21 - 11 male and 10 female, equivalent to a rate of 41.2 per 1000 total live and still births or 0.73 per 1000 of the estimated population. The latter figure is slightly higher than that for England & Wales which was 0.55. All the still births were legitimate.



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DEATHS: The number of deaths credited to this District in 1940 was 349 - 192 male and 157 female, equivalent to a Crude Death Rate of 12.18 per 1000 of the estimated population. This rate is relatively higher than last year but not so high as in the year 1935 when it was 19.3. The average rate for the last 5 years was 10.6 while the rate for England & Wales for 1940 was 14.3

Before comparisons can be made it has to be pointed out that the Death Rate must be standardised. It is a well known fact that in certain age groups the death rate is higher than in others. It is always higher in the higher age groups. The same can be said for sex groups, in that the death rate for males is generally higher than that for females. It would give an entirely erroneous picture, therefore, if a comparison were drawn between a rate in an area whose population of aged persons was relatively high with an area whose population of aged persons was relatively low, or if the distribution of the sexes varied to any great extent. It is for the purpose of arriving at a basis for comparison that the Registrar General supplies a factor for each district known as a "Comparability Factor" which when applied to the rate for that District gives a rate which would have obtained in that district had the age and sex distribution been the same as that for England & Wales as at the last Census. The factor for this District is 1.03 and in consequence of its application the Death Rate for the district is raised to 12.5

TABLE SHEWING AGE DISTRIBUTION OF DEATHS.

| Age Group.     | 1937 | 1938 | 1939 | 1940 |
|----------------|------|------|------|------|
| Under 1 year.  | 18   | 16   | 10   | 24   |
| 1 - 2 years.   | 1    | 4    | 4    | 3    |
| 2 - 5 years.   | 2    | 3    | 5    | 6    |
| 5 - 15 years.  | 6    | 13   | 3    | 5    |
| 15 - 25 years. | 6    | 7    | 11   | 7    |
| 25 - 45 years. | 21   | 22   | 22   | 30   |
| 45 - 65 years. | 80   | 81   | 81   | 82   |
| 65 & Over.     | 159  | 141  | 151  | 192  |
| Total          | 293  | 287  | 287  | 349  |

The increase in the number of deaths in 1940 therefore are mainly confined to the "under 1 year", "25 to 45", and "over 65" groups.



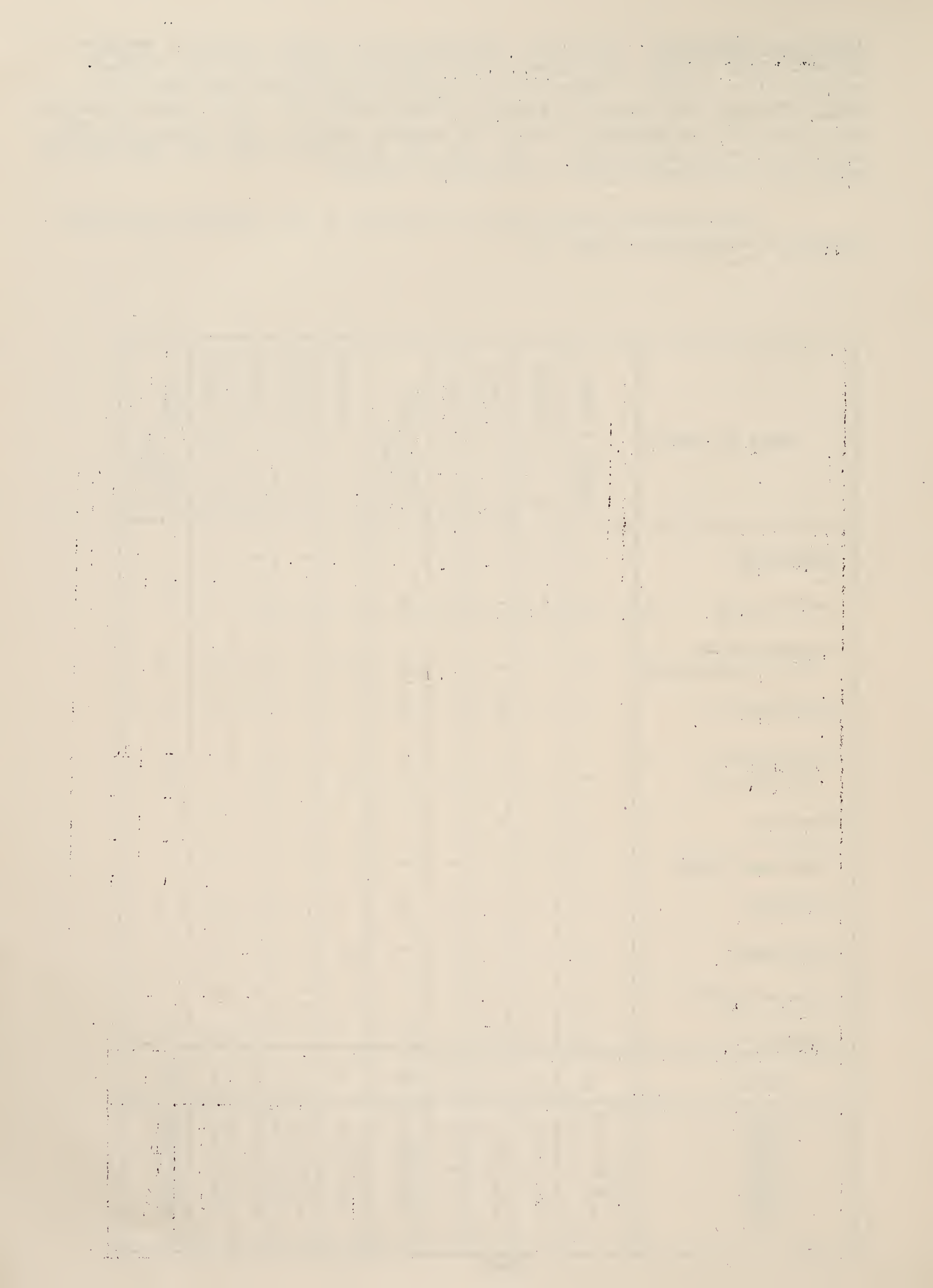


INFANTILE MORTALITY: 24 deaths, 13 male and 11 female, occurred amongst infants under 1 year, equivalent to an Infantile Mortality Rate of 49.1 per 1000 live births. This rate is considerably higher than that for 1939 which was the lowest on record in this District. It is lower, however, than the rate for England & Wales and roughly equal to the average for the last 10 years which is 49.3. The rate for England & Wales for 1940 was 55. There were no deaths amongst illegitimate infants.

The following table gives the details of the Infantile Mortality figures in comparative form :-

| Cause of Death.               | Under 1 week | 1 - 2 weeks | 2 - 3 weeks | 3 - 4 weeks | Total under 4 weeks | 1 - 3 months | 3 - 6 months | 6 - 9 months | 9 - 12 months | Total under 1 year |
|-------------------------------|--------------|-------------|-------------|-------------|---------------------|--------------|--------------|--------------|---------------|--------------------|
| Diarrhoea                     | -            | -           | -           | -           | -                   | -            | -            | -            | -             | -                  |
| Prematurity                   | 5            | 1           | -           | -           | 6                   | -            | -            | -            | -             | 6                  |
| Congenital & Wasting Diseases | 1            | -           | -           | -           | 1                   | 2            | -            | -            | -             | 3                  |
| Convulsions.                  | -            | -           | 1           | 1           | 2                   | -            | -            | -            | -             | 2                  |
| Pneumonia & Bronchitis        | -            | -           | 1           | 1           | 2                   | 3            | 2            | 3            | -             | 10                 |
| Measles.                      | -            | -           | -           | -           | -                   | -            | -            | -            | -             | -                  |
| Whooping Cough.               | -            | -           | -           | -           | -                   | -            | -            | -            | -             | -                  |
| Violence.                     | -            | -           | -           | -           | -                   | -            | -            | -            | 1             | 1                  |
| Influenza.                    | -            | -           | -           | -           | -                   | 1            | -            | -            | -             | 1                  |
| Tuberculosis -                | -            | -           | -           | -           | -                   | -            | -            | -            | -             | -                  |
| Jaundice.                     | 1            | -           | -           | -           | 1                   | -            | -            | -            | -             | 1                  |
| Total                         | 7            | 1           | 2           | 2           | 12                  | 6            | 2            | 3            | 1             | 24                 |
| 1939                          | 8            | -           | -           | -           | 8                   | -            | 1            | 1            | -             | 10                 |
| 1938                          | 6            | 1           | 3           | 1           | 11                  | 2            | 1            | 2            | 1             | 16                 |
| 1937                          | 11           | -           | 1           | -           | 12                  | 1            | 3            | 2            | -             | 18                 |
| 1936                          | 10           | -           | 3           | 2           | 15                  | 1            | 3            | 4            | 1             | 24                 |
| 1935                          | 9            | 1           | 1           | -           | 11                  | 2            | 1            | 1            | 1             | 16                 |





The areas of Residence Distribution of these cases was as follows:-

| District.     | Parish.      | Number |      |
|---------------|--------------|--------|------|
|               |              | 1939   | 1940 |
| Stannington.  | Bradfield.   | 1      | 1    |
| Worrall.      | -do-         | 1      | 1    |
| Chapel town.  | Ecclesfield. | 4      | 3    |
| High Green.   | -do-         | 2      | 3    |
| Birdwell.     | Tankersley.  | 1      | -    |
| Tankersley.   | -do-         | 1      | 2    |
| Ecclesfield.  | Ecclesfield. | -      | 7    |
| Bolsterstone. | Bradfield.   | -      | 1    |
| Dungworth.    | -do-         | -      | 2    |
| Oughtibridge. | -do-         | -      | 4    |

MATERNAL MORTALITY: There were no maternal deaths during the year. Like 1934 therefore the maternal mortality rate for this district is nil. The average for the last 10 years is 3.4 while the rate for England & Wales for 1940 is 2.16.

PRINCIPAL CAUSES OF DEATHS.

| Disease.                     | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 |
|------------------------------|------|------|------|------|------|------|
| Cancer.                      | 48   | 32   | 47   | 44   | 27   | 38   |
| Heart Disease.               | 68   | 78   | 75   | 75   | 90   | 101  |
| Cerebral Haemorrhage and )   | 34   | 58   | 29   | 31   | 31   | 52   |
| Other Circulatory Diseases ) |      |      |      |      |      |      |
| Nephritis.                   | 10   | 19   | 12   | 4    | 5    | 14   |
| Peptic Ulcer and Other )     | 16   | 17   | 16   | 12   | 8    | 8    |
| Digestive Diseases )         |      |      |      |      |      |      |
| Diabetes.                    | 5    | 4    | 4    | 5    | 3    | 1    |
| Rheumatism .                 | 3    | 3    | 4    | 2    | 1    | 7    |
| Venereal Disease.            | 2    | -    | -    | 2    | 2    | -    |
| Senility.                    | 7    | -    | -    | 12   | 13   | 2    |
| Violence.                    | 17   | 18   | 11   | 21   | 13   | 16   |
| Bronchitis.                  | 12   | 36   | 12   | 15   | 15   | 20   |
| Pneumonia (all forms).       | 11   | 26   | 13   | 17   | 20   | 23   |
| Other Respiratory Diseases.  | 2    | 3    | 2    | 2    | 3    | 5    |
| Epidemic Diseases.           | 21   | 11   | 13   | 9    | 8    | 13   |

EPIDEMIC DISEASES: The following table shews the principal causes of death in the Epidemic Diseases group. In some cases a rate for England & Wales has been given by the Registrar General and the rate for this district is shewn for comparison.





| Disease.                   | No.  |      | Rate per 1000 Total Births.         |      |                  |      |
|----------------------------|------|------|-------------------------------------|------|------------------|------|
|                            |      |      | Wortley R.D.                        |      | England & Wales. |      |
|                            | 1939 | 1940 | 1939                                | 1940 | 1939             | 1940 |
| Diarrhoea (under 2 years)  | 1    | nil  | 2.39                                | 0.00 | 4.6              | 4.6  |
| Disease.                   | No.  |      | Rate per 1000 Estimated Population. |      |                  |      |
|                            |      |      | Wortley R.D.                        |      | England & Wales. |      |
|                            | 1939 | 1940 | 1939                                | 1940 | 1939             | 1940 |
| Measles.                   | nil  | nil  | 0.00                                | 0.00 | 0.01             | 0.02 |
| Diphtheria.                | nil  | nil  | 0.00                                | 0.00 | 0.05             | 0.06 |
| Scarlet Fever.             | nil  | nil  | 0.00                                | 0.00 | 0.01             | 0.00 |
| Whooping Cough.            | nil  | nil  | 0.00                                | 0.00 | 0.03             | 0.02 |
| Typhoid etc.               | nil  | nil  | 0.00                                | 0.00 | 0.00             | 0.00 |
| Cerebro-spinal Meningitis. | nil  | 1    | 0.00                                | 0.03 | Not given.       |      |
| Encephalitis Lethargica.   | 2    | nil  | 0.06                                | 0.00 | Not given.       |      |
| Influenza.                 | 5    | 12   | 0.17                                | 0.41 | 0.21             | 0.32 |
| Smallpox.                  | -    | -    | -                                   | -    | -                | -    |

INQUESTS were held in 19 instances and in 10 other instances the cause of death was certified by the Coroner after Post Mortem Examination without Inquest.



PREVALENCE OF, AND CONTROL OVER,  
INFECTIOUS & OTHER DISEASES.

INFECTIOUS DISEASES OTHER THAN TUBERCULOSIS.

During the year a total of 711 cases of Infectious Disease were notified. Set out below are tables which are self-explanatory.

| Disease.                               | Total Cases Notified. |      | Cases admitted to our Isolation Hospital. |      | Total Deaths. |      |
|----------------------------------------|-----------------------|------|-------------------------------------------|------|---------------|------|
|                                        | 1939                  | 1940 | 1939                                      | 1940 | 1939          | 1940 |
| Smallpox.                              | -                     | -    | -                                         | -    | -             | -    |
| Scarlet Fever.                         | 35                    | 58   | 31                                        | 53   | -             | -    |
| Diphtheria.                            | 52                    | 74   | 45                                        | 63   | -             | -    |
| Enteric Fever (including Paratyphoid). | -                     | -    | -                                         | -    | -             | -    |
| Puerperal Pyrexia.                     | 13                    | 3    | 10                                        | 3    | -             | -    |
| Pneumonia.                             | 28                    | 49   | 2                                         | -    | 13            | 26   |
| Ophthalmia Neonatorum.                 | 2                     | 1    | 2                                         | -    | -             | -    |
| Cerebro-spinal Meningitis.             | 2                     | 14   | 2                                         | 10   | -             | 1    |
| Dysentery.                             | 2                     | 27   | -                                         | -    | -             | -    |
| Erysipelas.                            | 14                    | 8    | 1                                         | 2    | -             | -    |
| Measles.                               | 1                     | 473  | 1                                         | 2    | -             | -    |
| Whooping Cough.                        | -                     | 4    | -                                         | -    | -             | -    |
| Malaria (believed contracted abroad)   | -                     | 1    | -                                         | -    | -             | -    |

In the case of Diphtheria, 11 cases notified proved to be negative on bacteriological examination and three were "carriers".

In the case of Cerebro-spinal Meningitis, 4 cases proved to be negative on bacteriological examination.

The age distribution of the cases is indicated in the table set out overleaf.





| Age Groups.    | Scarlet Fever. |   | Diphtheria. |    | Puerperal Pyrexia. |   | Ophthalmia Neonatorum. |   | Erysipelas. |   | Cerebro-spinal Meningitis. |   | Dysentery. |   | Measles. |   | Whooping Cough. |   | Malaria. |   | Pneumonia. |   |
|----------------|----------------|---|-------------|----|--------------------|---|------------------------|---|-------------|---|----------------------------|---|------------|---|----------|---|-----------------|---|----------|---|------------|---|
|                | D              | H | D           | H  | D                  | H | D                      | H | D           | H | D                          | H | D          | H | D        | H | D               | H | D        | H | D          | H |
| Under 1 year.  | -              | - | -           | -  | -                  | - | 1                      | - | -           | - | 2                          | - | -          | - | 11       | - | -               | - | -        | - | 3          | - |
| 1 - 2 years.   | 1              | - | 1           | -  | -                  | - | -                      | - | -           | - | -                          | - | -          | - | 33       | - | 1               | - | -        | - | 2          | - |
| 2 - 3 years.   | 2              | - | 1           | 1  | -                  | - | -                      | - | -           | - | -                          | - | -          | - | 42       | - | 1               | - | -        | - | 1          | - |
| 3 - 4 years.   | 2              | - | 2           | -  | -                  | - | -                      | - | -           | - | -                          | - | -          | - | 59       | - | 2               | - | -        | - | 1          | - |
| 4 - 5 years.   | 4              | - | 3           | -  | -                  | - | -                      | - | -           | - | -                          | - | -          | - | 49       | - | -               | - | -        | - | -          | - |
| 5 - 10 years.  | 22             | - | 24          | -  | -                  | - | -                      | - | -           | - | 1                          | - | -          | - | 254      | - | -               | - | -        | - | 2          | - |
| 10 - 15 years. | 15             | - | 5           | 1  | -                  | - | -                      | - | -           | - | 1                          | - | -          | - | 14       | - | -               | - | -        | - | 1          | - |
| 15 - 20 years. | 4              | - | 5           | 3  | -                  | - | -                      | - | -           | - | 1                          | - | 2          | 1 | 6        | - | -               | - | -        | - | 3          | - |
| 20 - 35 years. | 6              | 1 | 11          | 11 | 1                  | - | -                      | - | 2           | - | 4                          | 1 | 4          | 3 | 4        | 1 | -               | - | 1        | - | 6          | 3 |
| 35 - 45 years. | -              | 1 | -           | -  | 1                  | - | -                      | - | -           | - | 1                          | - | 2          | - | -        | - | -               | - | -        | - | 7          | 2 |
| 45 - 65 years. | -              | - | 1           | 3  | 1                  | - | -                      | - | 4           | - | 2                          | - | 10         | 1 | -        | - | -               | - | -        | - | 12         | - |
| Over 65 years. | -              | - | 1           | 1  | -                  | - | -                      | - | 2           | - | -                          | 1 | 3          | 1 | -        | - | -               | - | -        | - | 6          | - |
| Totals (Sub)   | 56             | 2 | 54          | 20 | 3                  | - | 1                      | - | 8           | - | 12                         | 2 | 21         | 6 | 472      | 1 | 4               | - | 1        | - | 44         | 5 |
| Totals.        | 58             |   | 74          |    | 3                  |   | 1                      |   | 8           |   | 14                         |   | 27         |   | 473      |   | 4               |   | 1        |   | 49         |   |

D - Wortley Rural District.

H - Wharnccliffe Emergency Hospital and South Yorkshire Mental Hospital.





It will be observed from the table that 37 cases of Infectious Diseases occurred in the Wharnccliffe Emergency Hospital and South Yorkshire Mental Hospital. These are included in the total of 711 for the district.

ATTACK RATES AND DEATH RATES OF  
THE COMMONER INFECTIOUS DISEASES.

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| Disease.                                       | Attack rate per 1000<br>Civilian Population. |                       |                             | Death rate per 1000<br>Civilian Population. |                       |                        |
|------------------------------------------------|----------------------------------------------|-----------------------|-----------------------------|---------------------------------------------|-----------------------|------------------------|
|                                                | England &<br>Wales.                          | 148 Smaller<br>Towns. | *<br>Wortley<br>Rural Dist. | England &<br>Wales.                         | 148 Smaller<br>Towns. | Wortley<br>Rural Dist. |
| Smallpox.                                      | 0.00                                         | 0.00                  | 0.00                        | 0.00                                        | 0.00                  | 0.00                   |
| Scarlet Fever.                                 | 1.63                                         | 1.57                  | 1.95                        | 0.00                                        | 0.00                  | 0.00                   |
| Diphtheria.                                    | 1.16                                         | 1.21                  | 1.39                        | 0.06                                        | 0.05                  | 0.00                   |
| Enteric Fever<br>(including Para-<br>typhoid). | 0.07                                         | 0.10                  | 0.00                        | 0.00                                        | 0.00                  | 0.00                   |
| Puerperal Pyrexia.                             | -                                            | -                     | 0.10                        | -                                           | -                     | -                      |
| Pneumonia.                                     | 1.20                                         | 1.00                  | 1.53                        | -                                           | -                     | 0.90                   |
| Ophthalmia Neonatorum.                         | -                                            | -                     | 0.03                        | -                                           | -                     | 0.00                   |
| Cerebro-spinal<br>Meningitis.                  | 0.32                                         | 0.29                  | 0.34                        | -                                           | -                     | 0.03                   |
| Dysentery.                                     | -                                            | -                     | 0.03                        | -                                           | -                     | 0.00                   |
| Measles.                                       | 10.24                                        | 9.99                  | 16.48                       | 0.02                                        | 0.02                  | 0.00                   |
| Erysipelas.                                    | 0.35                                         | 0.30                  | 0.27                        | -                                           | -                     | 0.00                   |

\* The rates given here are the attack rates in the District and do not include those cases occurring in minor epidemics in the South Yorkshire Mental Hospital and other Institutions.



AREA OF DISTRIBUTION OF  
CASES OF INFECTIOUS DISEASE.

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| District.                  | Scarlet Fever. | Diphtheria. | Pneumonia. | Puerperal Pyrexia. | Ophthalmia Neonatorum. | Cerebro-spinal Meningitis. | Dysentery. | Measles. | Erysipelas. | Whooping Cough. | Malaria. |
|----------------------------|----------------|-------------|------------|--------------------|------------------------|----------------------------|------------|----------|-------------|-----------------|----------|
| <u>ECCLESFIELD PARISH.</u> |                |             |            |                    |                        |                            |            |          |             |                 |          |
| Ecclesfield.               | 12             | 3           | 10         | -                  | -                      | 1                          | -          | 77       | 1           | -               | -        |
| Chapel town.               | 5              | 35          | 8          | 1                  | -                      | 4                          | -          | 42       | 2           | -               | -        |
| High Green.                | 5              | 5           | 2          | -                  | -                      | 4                          | -          | 47       | 1           | -               | -        |
| Hesley Lane.               | 2              | -           | 2          | -                  | -                      | -                          | -          | 15       | -           | -               | -        |
| Grenoside.                 | 5              | 1           | 5          | -                  | -                      | -                          | -          | 23       | 1           | -               | -        |
| <u>TANKERSLEY PARISH.</u>  |                |             |            |                    |                        |                            |            |          |             |                 |          |
| Wentworth Station.         | -              | -           | -          | -                  | -                      | -                          | -          | 5        | -           | -               | -        |
| Hoyland Common.            | -              | -           | -          | -                  | -                      | -                          | -          | 1        | -           | -               | -        |
| Tankersley.                | -              | 1           | 6          | -                  | -                      | -                          | -          | 46       | -           | -               | -        |
| Birdwell.                  | -              | 1           | -          | 1                  | -                      | -                          | -          | 1        | -           | -               | -        |
| <u>WORTLEY PARISH.</u>     |                |             |            |                    |                        |                            |            |          |             |                 |          |
| Wortley.                   | 1              | -           | -          | -                  | -                      | -                          | -          | 16       | -           | 2               | -        |
| <u>BRADFELD PARISH.</u>    |                |             |            |                    |                        |                            |            |          |             |                 |          |
| Midhope.                   | -              | -           | -          | -                  | -                      | -                          | -          | 1        | -           | -               | -        |
| Oughtibridge.              | 12             | 4           | 1          | -                  | -                      | 1                          | 1          | 100      | 2           | 1               | -        |
| Wharnccliffe Side.         | 4              | 1           | 1          | -                  | -                      | -                          | -          | 23       | -           | -               | -        |
| Worrall.                   | 2              | 3           | 1          | -                  | 1                      | -                          | -          | 21       | 1           | -               | -        |
| Loxley.                    | 1              | -           | -          | -                  | -                      | -                          | -          | 8        | -           | -               | -        |
| Stannington.               | 3              | -           | 4          | -                  | -                      | 2                          | -          | 43       | -           | 1               | -        |
| Dungworth.                 | -              | -           | 2          | 1                  | -                      | -                          | -          | 1        | -           | -               | -        |
| Hollow Meadows.            | 1              | -           | 1          | -                  | -                      | -                          | 5          | 1        | -           | -               | -        |
| Bradfield.                 | 3              | -           | 1          | -                  | -                      | -                          | -          | -        | -           | -               | -        |
| S.Y.M.H. & W.E.H.          | 2              | 20          | 5          | -                  | -                      | 2                          | 21         | 2        | -           | -               | 1        |
| Total.                     | 58             | 74          | 49         | 3                  | 1                      | 14                         | 27         | 473      | 8           | 4               | 1        |





A brief commentary on the statistics for each disease might be helpful.

SCARLET FEVER. The attack rate is slightly higher than that for England & Wales and the 148 Smaller Towns. The type of Scarlet Fever admitted to Hospital during the year was a mild type and no deaths resulted. The age group chiefly affected was the 5 - 10 age group, which is typical.

DIPHTHERIA. The incidence of this disease in the District during 1940 appeared to be much the same as that for 1939. The total number of notifications was higher but the actual number of positive cases was lower. Some of the cases notified proved to be negative on Bacteriological examination, there being 11 such during the year. Three cases were notified as "Carriers" and not clinical cases of the disease.

In one of the larger Institutions in the district, a minor epidemic occurred amongst the patients which was soon controlled. These cases, while officially occurring in the Wortley Rural District cannot be considered as "District" cases. The nett total of cases, therefore, for the district is 40, the figure for 1939 was 44.

The attack rate for this district was 1.39 as against 1.16 in England & Wales and 1.21 for the 148 Smaller Towns. Again as in 1939, it can be concluded that the incidence of the disease in the Wortley Rural District is higher than the average for the Country generally.

The clinical picture in most cases admitted to Hospital was very suggestive of the virulent type of infection. Three cases admitted to Hospital suffering from Diphtheria were reported to have been immunised against the disease. Careful investigation has been made and it was learned that each case had been immunised only a few weeks previous to the onset of the disease. All three cases were adults.

Active immunisation against the disease is strongly advocated, and there is no doubt that this protective measure, if systematically adopted, will reduce the incidence of this disease to a minimum. In this district such protective measure is still operative. The County Medical Officer has issued consent forms which are distributed to parents or guardians of children by the Head Teachers in the various Schools. On receipt of the consent form duly signed by the parent or guardian, indicating a desire to have their children so treated arrangements are made accordingly.

During the year 84 school children and pre-school children were immunised. It is unfortunate that more encouraging figures cannot be given, for every effort has been made to bring the benefits of this protective measure to the notice of parents or guardians of children. I have no doubt however, that the figures will improve and at the time of writing this report all the indications are that there is a marked increase in the demand for immunisation and that more children are receiving this protective measure. The prophylactic chiefly used was "Toxoid Antitoxin Floccules" and "Alum Precipitated Toxoid".







Those parents or guardians who have not so far arranged to have their children so protected are strongly advised to do so without delay. It is a simple procedure, causing no reaction, and is available free of charge for all children between the ages of 1 and 16 years.

PUERPERAL PYREXIA. Only 3 cases of Puerperal Pyrexia were notified. All three cases were removed to Hospital. There were no deaths.

PNEUMONIA. Of the 49 cases of Pneumonia notified, 5 were Acute Influenzal Pneumonia.

OPHTHALMIA NEONATORUM. There was only 1 case of this disease and no impairment of vision resulted.

MEASLES. According to the Measles and Whooping Cough Regulation (provisional) dated 23rd October, 1939, Measles and Whooping Cough are now notifiable. During the year a moderately severe epidemic of this infection occurred in this district. This epidemic was fairly general all over the Country. A total of 473 cases were notified during the year. I have no doubt that there were more cases than those notified for some of the investigations carried out by me and my staff elicited the information that there were cases who had never been seen by a Doctor and hence never notified to this Department. Generally speaking, the type of Measles prevalent during the year was very mild. No case has come to my notice where any serious complications have occurred following the disease and there were no deaths.

The epidemic reached its peak towards the end of November and December. All parts of the district seem to have been visited by this epidemic and if the notification figures are to be taken as an indication of the incidence, it would appear that Loxley, Dungworth, Hollow Meadows, Bradfield and Midhope were the places which escaped most.

CEREBRO-SPINAL MENINGITIS. 14 cases of Cerebro-spinal Meningitis were notified. There was therefore a sharp increase in the incidence of the infection during the year, which seems to have been general throughout the Country. Of these, 10 cases were admitted to our Isolation Hospital, 9 making a complete recovery and there was one death. The remaining 4 were diagnosed in other Hospitals and remained there for treatment.

This disease, one of the most serious of all Infectious Diseases, used to have a fatality of anything up to 80 or 90%. Happily, modern scientific research work has given us a new method of treating the disease, which has cut the fatality rate to round about 10 to 15%. In fact if a case is got early enough and the treatment is commenced without delay, the chances of a complete recovery are very bright indeed.





DYSENTERY. All the cases of Dysentery notified were notified from Institutions in the district (e.g. 21 from the South Yorkshire Mental Hospital and 5 from Hollow Meadows Institution) except in one case, where a resident from Oughtibridge was notified from the Royal Infirmary, Sheffield. There were no deaths.

ERYSIPELAS. Only 8 cases of this disease were notified during the year as against 14 in the previous year. This is the lowest incidence of this Infectious Disease since 1920 when 6 cases were notified. All the cases occurred in the district. There were no deaths.

NON-NOTIFIABLE INFECTIOUS DISEASES.

During the year 1940 there were no outbreaks of any of the non-notifiable Infectious Diseases. There was a moderate amount of Influenza chiefly in the more populous parts of the district during the early part of the year.

On account of the prevalence of Infectious Disease in some of the Schools in this District, I found it necessary to recommend that certain Departments in certain Schools should be excluded for varying periods. In every case there was an improvement in the incidence of the disease following the term of exclusion.

The details of the action taken are as follows:-

| <u>School.</u>                          | <u>Disease.</u>           | <u>Period of Exclusion.</u> |
|-----------------------------------------|---------------------------|-----------------------------|
| Lound Infant Class.                     | Diphtheria.               | 8th July for 1 week.        |
| High Green Infant School.               | Measles.                  | 15th July for 2 weeks.      |
| Wortley Infant School.                  | Measles.                  | 15th July for 2 weeks.      |
| Lound Infant Department.                | Diphtheria.               | 15th July for 1 week.       |
| Oughtibridge Council Sch.               | Measles.                  | 19th October for 3 weeks.   |
| Rawson's Infant School,<br>Ecclesfield. | Measles &<br>Chicken Pox. | 18th December for 3 weeks.  |

TUBERCULOSIS. During the year under review 25 new cases of Tuberculosis were notified in the district. Of these 17 were Respiratory Tuberculosis and 8 were other forms of Tuberculosis.

The following table shows the age and sex distribution of the Tuberculosis cases, and the details of the Deaths.





| Age Periods.    | New Cases.   |    |           |    | Deaths.      |    |           |    |
|-----------------|--------------|----|-----------|----|--------------|----|-----------|----|
|                 | Respiratory. |    | Non-Resp. |    | Respiratory. |    | Non-Resp. |    |
|                 | M.           | F. | M.        | F. | M.           | F. | M.        | F. |
| 0 - 1 year.     | -            | -  | -         | -  | -            | -  | -         | -  |
| 1 - 5 years.    | -            | -  | 1         | 2  | -            | -  | -         | 2  |
| 5 - 15 years.   | -            | -  | 1         | 1  | -            | -  | 1         | -  |
| 15 - 25 years.  | 2            | 1  | 1         | 1  | -            | 1  | 1         | -  |
| 25 - 35 years.  | 1            | 2  | -         | -  | 2            | 3  | -         | -  |
| 35 - 45 years.  | 2            | 1  | 1         | 1  | 1            | -  | -         | 1  |
| 45 - 55 years.  | 2            | 1  | -         | -  | 1            | -  | -         | -  |
| 55 - 65 years.  | 1            | -  | -         | -  | 1            | -  | -         | -  |
| 65 and upwards. | 1            | 2  | -         | -  | 4            | -  | -         | -  |
| Totals.         | 9            | 7  | 4         | 5  | 9            | 4  | 2         | 3  |

AREA OF DISTRIBUTION OF  
TUBERCULOSIS CASES.

-----

| District.                     | Respiratory. |    | Non-Respiratory. |    |
|-------------------------------|--------------|----|------------------|----|
|                               | M.           | F. | M.               | F. |
| <u>PARISH OF ECCLESFIELD.</u> |              |    |                  |    |
| Ecclesfield.                  | 2            | 1  | -                | 1  |
| Chapelton.                    | -            | -  | 1                | 1  |
| High Green.                   | -            | -  | -                | 1  |
| Grenoside.                    | -            | 1  | -                | -  |
| <u>PARISH OF TANKERSLEY.</u>  |              |    |                  |    |
| Tankersley.                   | -            | 1  | -                | -  |
| Westwood.                     | -            | -  | -                | -  |
| Birdwell.                     | -            | -  | 1                | -  |
| <u>PARISH OF BRADFIELD.</u>   |              |    |                  |    |
| Midhope.                      | -            | -  | 1                | -  |
| Oughtibridge.                 | 4            | 1  | -                | 1  |
| Stannington.                  | -            | 1  | 1                | 1  |
| Bradfield.                    | 1            | 1  | -                | -  |
| Loxley.                       | 1            | -  | -                | -  |
| Dungworth.                    | 1            | -  | -                | -  |
| <u>PARISH OF WORTLEY.</u>     |              |    |                  |    |
| Wortley.                      | -            | 1  | -                | -  |





During the year 8 cases were admitted to Sanatoria for treatment.

Four deaths occurred in persons who had not been previously notified.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations 1925, (relating to persons suffering from Pulmonary Tuberculosis employed in the milk trade) or under Section 172 of the Public Health Act 1936 (relating to the compulsory removal to Hospital of persons suffering from Tuberculosis).

From the table it will be observed that 25 new cases have been notified during the year, an increase of 6 over the 1939 figures which were the lowest for 20 years, possibly the lowest on record for the district. There was a sharp increase in the number of deaths from Tuberculosis, more than double that for 1939. It is satisfactory however, to note that the last 10 years has shown a gradual decrease in the incidence of Tuberculosis in the district; the average number of cases notified in the last 10 years being 28 as against 53 for the preceding decade. At the same time the death rate from Tuberculosis in this district has fallen considerably in the last 10 years, the average rate for the last 10 years being 10.4 as against 20.3 for the preceding decade.





GENERAL PROVISIONS OF HEALTH SERVICES.

Isolation Hospitals - There are two Isolation Hospitals provided by the District Council :

- (1) at Grenoside for the commoner type of Infectious Disease.
- (2) at Hallwood for cases of Smallpox.

At Grenoside, the hospital is roughly divided into two sections, one part for Diphtheria and the other part for Scarlet Fever. There are 7 male beds, 7 female beds and 2 cots for Scarlet Fever cases and 7 male beds, 7 female beds and 3 cots for Diphtheria cases. There is also a cubicle observation block containing 4 cubicles. Available in this block are 7 beds and 1 cot. At Hallwood there are 7 male beds, 7 female beds and 5 cots.

|                                        |                                                   |
|----------------------------------------|---------------------------------------------------|
| <u>Staff.</u> - Medical Superintendent | - Medical Officer of Health.                      |
| Matron.                                | - Miss F. B. Weaver, S.R.N.,<br>S.C.M., R.F.N.    |
| Staff Nurse.                           | - Miss C. Bowling R.F.N.<br>(resigned 21-12-40).  |
|                                        | - Miss K. Brayshaw R.F.N.<br>(appointed 16-9-40). |
| Assistant Nurse.                       | - Miss J. E. Brook.                               |
|                                        | - Miss M. Fisher.<br>(appointed October 1940).    |

There are 6 probationer nurses, kitchen and domestic staff, 2 gardeners and porters.

During the year under review, a total of 135 cases were admitted to hospital as follows:-

|                |    |
|----------------|----|
| Scarlet Fever  | 53 |
| Diphtheria     | 63 |
| Pneumonia      | 2  |
| Erysipelas     | 2  |
| Cerebro-spinal |    |
| Meningitis     | 10 |
| Other cases    | 5  |

There was one death - a case of Cerebro-spinal Meningitis. All the other cases recovered. No cases were admitted to Hallwood during the year.





Laboratory Facilities. - All necessary facilities are available at the County Laboratory, Wakefield.

The Ministry of Health in a letter dated 5th September, 1939 informed Medical Officers of Health that in consultation with the Medical Research Council, an Emergency Laboratory Service had been organised for general bacteriological and diagnostic work. This is a war measure devised to augment the existing Laboratories in case of any emergency. The emergency laboratories for the Midlands and North of England have been established at :- Barnard Castle, Kirkby Lonsdale, Pocklington, Wellington, Lincoln : and these are being staffed by arrangement with existing laboratories at :- Newcastle, Leeds, Sheffield, Manchester, Liverpool and Birmingham. The latter will continue to provide the same services as in normal times.

I have had no information amending the above service which it is presumed, is still functioning.

Bacteriological Examinations. were made by the County Laboratory of 212 specimens from this district during 1939. They were as follows:-

|                                        |       |
|----------------------------------------|-------|
| Sputa for tubercle bacilli             | 10    |
| Swabs for B. Diphtheriae               | 157   |
| Urine and Faeces for B. Typhosus etc.  | 3     |
| Urines for general examination         | 2     |
| Milk for tubercle bacilli              | 1     |
| Waters for bacteriological examination | 10    |
| Bio-chemical examinations              | 9     |
| Swabs for Haemolytic Streptococci      | 15    |
| Urines for Zondek Aschheim Reaction    | 3     |
| Miscellaneous specimens                | 2     |
|                                        | <hr/> |
|                                        | 212   |
|                                        | <hr/> |

Ambulance Facilities. For Infectious cases the District Council provide one motor ambulance. It is desirable that in the near future this Ambulance be replaced by a more efficient vehicle. This matter is being considered at the moment and it is hoped that in the near future its replacement will be arranged.

In the event of their ambulance being out of commission this council have an arrangement with Sheffield Corporation for the use of one of their fleet attached to Lodge Moor Hospital Isolation Hospital at a charge of 2s. 6d. per mile on the mileage covered out and home.

Ambulance facilities for cases of sickness are provided by the Sheffield Central Ambulance Services for all contributors to the ld. in the £ scheme of the Sheffield Joint Hospitals and for all necessitous poor and old age pensioners. The Sheffield Central Ambulance Services are available for non-contributors in the district for any case of sickness as the result of the District Council contributing the sum of £50 per annum to the Service. All street and road accidents are dealt with by the police.





By arrangement with Sheffield Corporation all domestic casualties requiring hospitalisation can be removed as part of the arrangement with the Central Ambulance Services.

Clinics. - In the area there are eight Maternity and Child Welfare Clinics. They are at Ecclesfield, Grenoside, High Green, Tankersley, Oughtibridge, Stannington and Loxley. The clinic at Stocksbridge is available for those resident in that part of the parish of Bradfield nearest to Stocksbridge.

Hallamshire Maternity Home. - The County Council have built a Maternity Home at Chapeltown which was opened on the 2nd November.

This most modern and up to date Hospital, magnificently equipped, has 22 beds for the admission of cases from the administrative County. Arrangements can be made for the admission of private cases.

Ante-natal Clinics are held at Ecclesfield, Chapeltown and High Green.

Tuberculosis. - The greater part of the district is served by the Dispensary at Wadsley Bridge. For those patients in that part of Bradfield nearest to Stocksbridge, the dispensary there is available while the Barnsley Dispensary is available for patients from the Tankersley district.

Mortuary. - The public mortuary and post-mortem room at Grenoside belonging to the District Council is available for the whole area.





## SANITARY CIRCUMSTANCES.

Water Supply. - The rainfall for the year recorded at the Sewage Works, Ecclesfield (172 fet. above Ordnance datum) was 27.48 inches. This figure is substantially lower than that for 1939 and is less than the average for the past 15 years which is 29.65 inches.

The driest months were May, June, August and September.

There was no shortage in any of the public supplies of the district.

Hall Broom Supply. No decision had been received at the year end regarding the Council's application to the Ministry of Health for the sanction of a loan for the sinking of a further bore-hole at Hall Broom at an estimated cost of approximately £3,000.

At the time of writing, the work of boring is proceeding.

Samples of water from the existing sources of the Hall Broom supply and from the tank at High Bradfield, were taken during the year and were found to be satisfactory.

A new storage tank was installed by the Sheffield Corporation in the wood above Top Side, Grenoside primarily to supply their new estates in course of erection in the locality. This tank is capable of supplying more than 60 houses in Grenoside which are now served by shallow wells. With isolated exceptions, the water in these wells has been shown by analysis to be unfit for drinking purposes, and the tenants have been warned to boil the water before using it for ordinary culinary purposes.

It would be an advantage if the 60 houses in Grenoside above referred to were supplied with water from this tank, and the Sheffield Corporation have been approached with that end in view. It is most desirable that some such scheme for the provision of a wholesome water supply should be adopted without delay.

Small extensions of of water mains as required by housing developments, were carried out during the year. Water was also laid on to two houses at Grenoside and to four houses on the District boundary at Fox Hill, all of which previously relied on shallow wells for their supply.

Improvements were also carried out in the Wortley main supply to Pilley.

Sewerage and Sewage Disposal. - There was no alteration in any of the sewage works.





CLOSET ACCOMMODATION AND SCAVENGING.

The following table shows the number of houses, Water Closets, Privies, etc., in the District at the end of the year.

| Locality.                       | Houses | Water Closets | Privies | Pail Closets | Ashpits | Ashbins |
|---------------------------------|--------|---------------|---------|--------------|---------|---------|
| Ecclesfield.                    | 1484   | 1218          | 62      | 1            | 140     | 1219    |
| Chapelton & )                   | 2723   | 2275          | 124     | -            | 250     | 2263    |
| High Green. )                   | 743    | 537           | 126     | -            | 157     | 507     |
| Grenoside.                      | 157    | 69            | 43      | -            | 42      | 44      |
| Thorpe.                         |        |               |         |              |         |         |
| TOTAL<br>ECCLESFIELD<br>PARISH. | 5107   | 4099          | 355     | 1            | 589     | 4033    |
| Wadsley.                        | 43     | 26            | 2       | -            | 6       | 42      |
| Worrall.                        | 279    | 216           | 33      | -            | 37      | 210     |
| Oughtibridge.                   | 822    | 650           | 60      | 2            | 114     | 573     |
| Wharnccliffe<br>Side.           | 224    | 169           | 33      | -            | 58      | 141     |
| Loxley.                         | 308    | 191           | 88      | -            | 93      | 178     |
| Stannington.                    | 882    | 572           | 183     | 7            | 173     | 577     |
| Bradfield.                      | 99     | 8             | 69      | 4            | 59      | 10      |
| Hollow Meadows.                 | 39     | 23            | 14      | 6            | 16      | 10      |
| Midhope.                        | 44     | 2             | 32      | 8            | 26      | 1       |
| Rest of Bradfield.              | 136    | 11            | 98      | 25           | 100     | -       |
| TOTAL<br>BRADFIELD<br>PARISH.   | 2876   | 1868          | 612     | 52           | 682     | 1742    |
| TANKERSLEY<br>PARISH.           | 559    | 490           | 76      | 4            | 99      | 418     |
| WORTLEY<br>PARISH.              | 187    | 108           | 97      | -            | 83      | 51      |
| GRAND TOTALS.                   | 8729   | 6565          | 1140    | 57           | 1453    | 6244    |

Privy Conversions. - During the year four privies were replaced by four water closets and four ashpits by four ashbins. One waste water closet was converted into a modern water closet.





Scavenging. - The whole district with the exception of a few outlying houses in Bradfield Parish is publicly scavenged by direct labour. In addition to the normal scavenging services, much extra work has been necessary consequent upon the movement of troops into and throughout the widely scattered district. At certain periods their numbers were considerable.

The scavenging staff consists of 16 loaders, 5 drivers and 4 tip-controllers, and with two exceptions they are employed full-time. One of the drivers is hired full-time together with his lorry for scavenging the parishes of Tankersley and Wortley. The development of the salvage scheme in the area has necessitated the employment of two further men for paper-baling purposes.

Mechanical transport is utilised throughout the district - 6 vehicles are employed for the purpose and 5 of these are owned by the Council. All refuse is disposed of by controlled tipping, and 6 tips are in use throughout the district for this purpose. The work is efficiently carried out and no complaints have been received in connection with the condition of the tips.

10,330 tons of refuse have been collected, removed to the tips and disposed of at a cost of £4,994. 19s. 1d.

The service has been satisfactorily and fully maintained, despite the extra calls made on it by salvage work and the military.

Salvage. - Steps had already been taken at the end of 1939 to institute a collection and separation of waste paper, metals, rags and bones in the district. On economic grounds, the collection of waste was undertaken as an integral part of the ordinary scavenging service and separation was carried out at the place of collection.

Two storage depots were established in hutments owned by the Council, one at Pack Horse Lane, Mortonley and the other at Mill Road, Ecclesfield. A wooden paper-baling press manufactured by Council workmen was installed at each depot but these were shortly afterwards replaced by metal presses on loan from the firms who purchased the waste paper.

The need for salvaging of all useful waste material was well advertised locally by the issue of leaflets to each householder, film displays, advertising matter in the local press and posting of bills on hoardings and vehicles. Valuable assistance in the house to house distribution of leaflets was given by local volunteers and members of the Womens Voluntary Services.





Owing to the extra labour involved, two additional men were employed primarily to bale paper and rags and generally to assist the salvage campaign in any other way. In the succeeding table of statistics, the item "wages" covers the cost of these two men only. Although the scavenging lorries have been employed on salvage work both in the collection of, and transport to depots of, waste material, it has not been practicable to calculate the vehicle cost attributable to salvage only, and this fact must be borne in mind when examining the appended statistics.

Difficulties have arisen in the disposal of waste paper and tins. At one period there was a hold-up in the disposal of waste paper through circumstances beyond our control, but this difficulty has been overcome. Owing to transport problems, the bulky and light nature of loose tins renders then unprofitable to scrap merchants and this difficulty will remain until arrangements are completed whereby temporary use of a metal-baling press can be obtained. The quantity of such tins available does not justify the purchase of such a baler by this Council, although it has been suggested that advantage might be taken of any travelling baler, if such were available.

The first sale of salvage paper and scrap was effected in March and from then until the year end progressive improvement was maintained. The monthly salvage reports issued do not illustrate this steady improvement as the figures were based on quantities sold, not collected and as previously explained difficulty was experienced in the disposal of paper and tins.

A total weight of  $218\frac{1}{2}$  tons of material valued at £764. 10s. 0d. was sold during the year. These figures represent approximately a weight of 17 lbs and a value of  $6\frac{1}{2}$ d. salvaged, per person, or 56 lbs and 1s.  $9\frac{1}{2}$ d. per household for virtually a ten months' collection.

Small collections have been made by private organisations in the area but details of these are not available.

The following table gives a summary of the various commodities sold and expenses incurred.

#### SALVAGE STATISTICS FOR 1940.

|                | Tons.      | Cwts.     | Qrts.                            | £.         | s.        | d.              |           | £.         | s.        | d.       |
|----------------|------------|-----------|----------------------------------|------------|-----------|-----------------|-----------|------------|-----------|----------|
| Paper.         | 146        | 1         | $2\frac{1}{2}$                   | 578        | 7         | $4\frac{1}{2}$  | Wages     | 278        | 3         | 5        |
| Private        |            |           |                                  |            |           |                 |           |            |           |          |
| organisation.  | 1          | 15        | 0                                | -          | -         | -               | Materials | 21         | 17        | 10       |
| Scrap          |            |           |                                  |            |           |                 |           |            |           |          |
| (Ferrous).     | 61         | 7         | 0                                | 138        | 1         | $11\frac{1}{2}$ | Machinery | 24         | 17        | 11       |
| Scrap          |            |           |                                  |            |           |                 |           |            |           |          |
| (Non-Ferrous). |            | 13        | $1\frac{1}{4}$                   | 23         | 7         | 8               | Publicity |            | 16        | 6        |
| Bones.         | 4          | 13        | 2                                | 13         | 17        | 2               | Transport | 1          | 9         | 6        |
| Rags.          | 4          | -         | -                                | 10         | 16        | 6               |           |            |           |          |
|                |            |           |                                  |            |           |                 |           | <u>327</u> | <u>5</u>  | <u>2</u> |
|                |            |           |                                  |            |           |                 | Balance   | <u>437</u> | <u>5</u>  | <u>6</u> |
| GRAND TOTALS.  | <u>218</u> | <u>10</u> | <u><math>1\frac{3}{4}</math></u> | <u>764</u> | <u>10</u> | <u>8</u>        |           | <u>764</u> | <u>10</u> | <u>8</u> |





Nuisances. - During the year 1,674 visits were made for the detection and abatement of nuisances and the supervision of work in progress. The number of nuisances dealt with including 14 outstanding from last year was 194, and of these 193 were abated.

180 informal notices were served and 171 were complied with.

One statutory notice was served and the works specified therein were carried out.

The 194 nuisances reported during the year comprised :-

52 choked and defective drains.  
45 choked and defective water closets.  
72 defective roofs, spouting, etc.  
16 defective ashbins &  
9 other nuisances.

#### VERMINOUS HOUSES.

During the year, 308 visits were made to 212 Council and 36 privately owned houses in the district for the purpose of detecting vermin. These figures show a substantial reduction on last year due to the large decrease in the number of Council houses vacated and re-let.

No noteworthy changes have been made in the methods of treatment employed in cases of infestation by bed-bugs. Zaldecide has been successfully used where a liquid insecticide was required and sulphur compounds when a gas was more suitable. There have been very few cases of re-infestation after treatment has been carried out. Success in treatment by gas depends largely on perfect sealing of the premises and it is most difficult to adequately seal houses with cavity walls. Unsuccessful treatment can be attributed to such leakages rather than ineffective insecticides.

Numerous complaints regarding infestation with cockroaches have been received from Council house tenants principally from two estates. Surprisingly, these estates have very little in common. They are in widely separated parts of the district; were constructed under different housing schemes; are different in design and are tenanted by persons with varying occupations. The species of cockroach is the same in each case.

The full co-operation of the tenants of infested houses is of paramount importance in such cases. A good pyrethrum base powder is supplied free of charge and full instructions as to its use are given. If these instructions are rigidly adhered to, the trouble should soon cease.





W O R T L E Y   R U R A L   D I S T R I C T   C O U N C I L .

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VERMINOUS HOUSES REPORT FOR 1940.

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| WARD         | No. of Visits. | No. of Houses. | Houses found to be Verminous. |              | Houses Sprayed. | Houses Stoved. | Insecticide left. |
|--------------|----------------|----------------|-------------------------------|--------------|-----------------|----------------|-------------------|
|              |                |                | Bugs.                         | Cockroaches. |                 |                |                   |
| CHAPELTOWN.  | 31             | 27             | 3                             | 13           | 3               | -              | 14                |
| HIGH GREEN.  | 129            | 96             | 10                            | 78           | 10              | -              | 91                |
| ECCLESFIELD. | 32             | 28             | 10                            | 10           | 4               | 3              | 17                |
| GRENO SIDE.  | 7              | 7              | 1                             | 6            | -               | 1              | 5                 |
| TANKERSLEY.  | 25             | 23             | 6                             | 1            | 3               | -              | 4                 |
| STANNINGTON. | 6              | 6              | -                             | 3            | -               | -              | 3                 |
| WESTNALL.    | 73             | 56             | 5                             | 41           | 1               | 2              | 42                |
| LOXLEY.      | 3              | 3              | -                             | -            | -               | -              | -                 |
| BRADFELD.    | 2              | 2              | -                             | -            | -               | -              | -                 |
| TOTALS.      | 308            | 248            | 35                            | 152          | 21              | 6              | 176               |





Smoke Abatement. - No complaints have been received during the year concerning excessive smoke from the factories and foundries in the district.

Rats & Mice (Destruction) Act 1919.

32 complaints were received regarding the infestation of premises by rats. These cases were investigated and advice given as to the best means of eradication. Owing to the scarcity of red squill baits the range of poisons available for distribution has been limited. As other poisons are much more dangerous in their application, it has been necessary to exercise more discretion in their distribution.

The refuse tips are now controlled and only occasional traces of rats are found.

Shops Act, 1934. - There are 105 shops on the register and 75 inspections were made during the year. All premises have suitable sanitary accommodation, and comply with the Health provisions of the Act.

Moveable Dwellings. - Two applications for licences to use land at Folderings, Oughtibridge, as sites for moveable dwellings were received during the year and both were granted.

Since the outbreak of hostilities, there has been a tendency for a slight increase in the number of trailer caravans entering the district for week-end use. One hundred and fifteen visits have been made for the supervision of this class of dwelling and the occupants generally were found to be complying with the requirements. There are approximately 50 of these structures in the district.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply. - During the year, 584 inspections of the cow-sheds and dairies in the district were made. Twenty-one notices were served on cow-keepers to cleanse and lime-wash the premises and all were complied with. One new dairy wash-house was provided.

The following are details of the classification of premises and purveyors in the district :-

|                        |     |
|------------------------|-----|
| Registered Cow-keepers | 221 |
| Producer retailers     | 193 |
| Producer wholesalers   | 28  |
| Retailers only         | 26  |

Under the Milk (Special Designations) Order, 1936 and 1938, two licences are in force for the production of Tuberculin Tested milk and 12 for Accredited milk. Three supplementary licences to sell Pasteurised milk were issued by the district council.

During the year, 34 samples were taken from 16 of the above farms and 4 were found to be unsatisfactory.



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Meat Inspection. - All meat for human consumption is now slaughtered at Government Regional Slaughterhouses.

106 pigs have been slaughtered by pig-keepers for their own consumption. Inspection of the carcasses was carried out.

### HOUSING.

During the period under review 106 houses were erected in the district. Of these 1 was built by the Council, 56 by Sheffield Corporation and the remainder by private enterprise. The following table explains the distribution of these :-

| ERECTED AT        | ERECTED BY        |                     | TOTALS. |
|-------------------|-------------------|---------------------|---------|
|                   | District Council. | Private Enterprise. |         |
| CHAPELTOWN.       | -                 | 10                  | 10      |
| ECCLESFIELD.      | -                 | 62                  | 62      |
| GRENOSIDE.        | 1                 | 3                   | 4       |
| TANKERSLEY.       | -                 | 1                   | 1       |
| UGHTIBRIDGE.      | -                 | 2                   | 2       |
| WHARNCLIFFE SIDE. | -                 | 8                   | 8       |
| WORRALL.          | -                 | 3                   | 3       |
| STANNINGTON.      | -                 | 16                  | 16      |
| TOTALS.           | 1                 | 105                 | 106     |

The Council Offices and the Hallamshire Maternity Home were completed during the year. The house erected by the Council at Grenoside is the Caretaker's house attached to the Offices.

Up to the end of the year, the district council have erected a total of 1,334 houses. 34 of these (comprising the hutments at Ecclesfield, Chapeltown and High Green) have been defined as clearance areas and are now disused. Since 1930, 2070 houses have been built by private enterprise. The distribution of these houses is as follows :-





|                               | <u>By Council.</u> | <u>By Private Enterprise.</u> |
|-------------------------------|--------------------|-------------------------------|
| <u>ECCLESFIELD PARISH.</u>    |                    |                               |
| Ecclesfield.                  | 298                | 372                           |
| High Green.                   | 333                | { 388                         |
| Chapelton.                    | 220                |                               |
| Grenoside.                    | 63                 | 311                           |
| Thorpe Hesley.                | -                  | 6                             |
| <u>BRADFIELD PARISH.</u>      |                    |                               |
| Oughtibridge.                 | 154                | 158                           |
| Worrall.                      | 18                 | 142                           |
| Stannington.                  | 84                 | 377                           |
| Loxley.                       | 50                 | 57                            |
| Dungworth.                    | 8                  | 4                             |
| Middlewood.                   | -                  | 74                            |
| Wadsley.                      | -                  | 5                             |
| Wharnccliffe Side.            | -                  | 70                            |
| Other parts of the<br>parish. | -                  | 37                            |
| <u>TANKERSLEY PARISH.</u>     | 106                | 58                            |
| <u>WORTLEY PARISH.</u>        | -                  | 11                            |
| TOTALS.                       | <u>1334</u>        | <u>2070</u>                   |

Building Byelaws. - During the year 81 plans were approved under the above byelaws. Of this number 4 were concerned with the erection of 94 dwelling houses, 17 related to garages, 9 to alterations to existing premises, 18 to tool-sheds and greenhouses, 10 to extensions or additions to factories, 1 to a lych-gate, 3 to pig-sties and poultry-houses, 2 to dairies and cow-sheds, 1 to a First Aid and Decontamination Centre, 2 to electric sub-stations and 7 to various small additions and erections.

Breaches of byelaws were dealt with in two instances.

Factories. - There are 73 factories registered in the district under the Factories Act, 1937, and of these, 63 utilised mechanical power. Seventy six inspections of the above factories have been carried out during the year but it has not been necessary to serve any notices for the maintenance of cleanliness, etc. No complaints have been received from H.M. Inspector of Factories regarding the insufficiency, or condition, of sanitary conveniences.







